

Delaval, Jan

91715

From: Roark, Jessica
Sent: Wednesday, April 16, 2003 4:09 PM
To: Delaval, Jan
Subject: 09/522,752

Jan, *removed*

Please update the pending, PGPub and issued files for the following from 09/522,752:

SEQ ID NO:2.

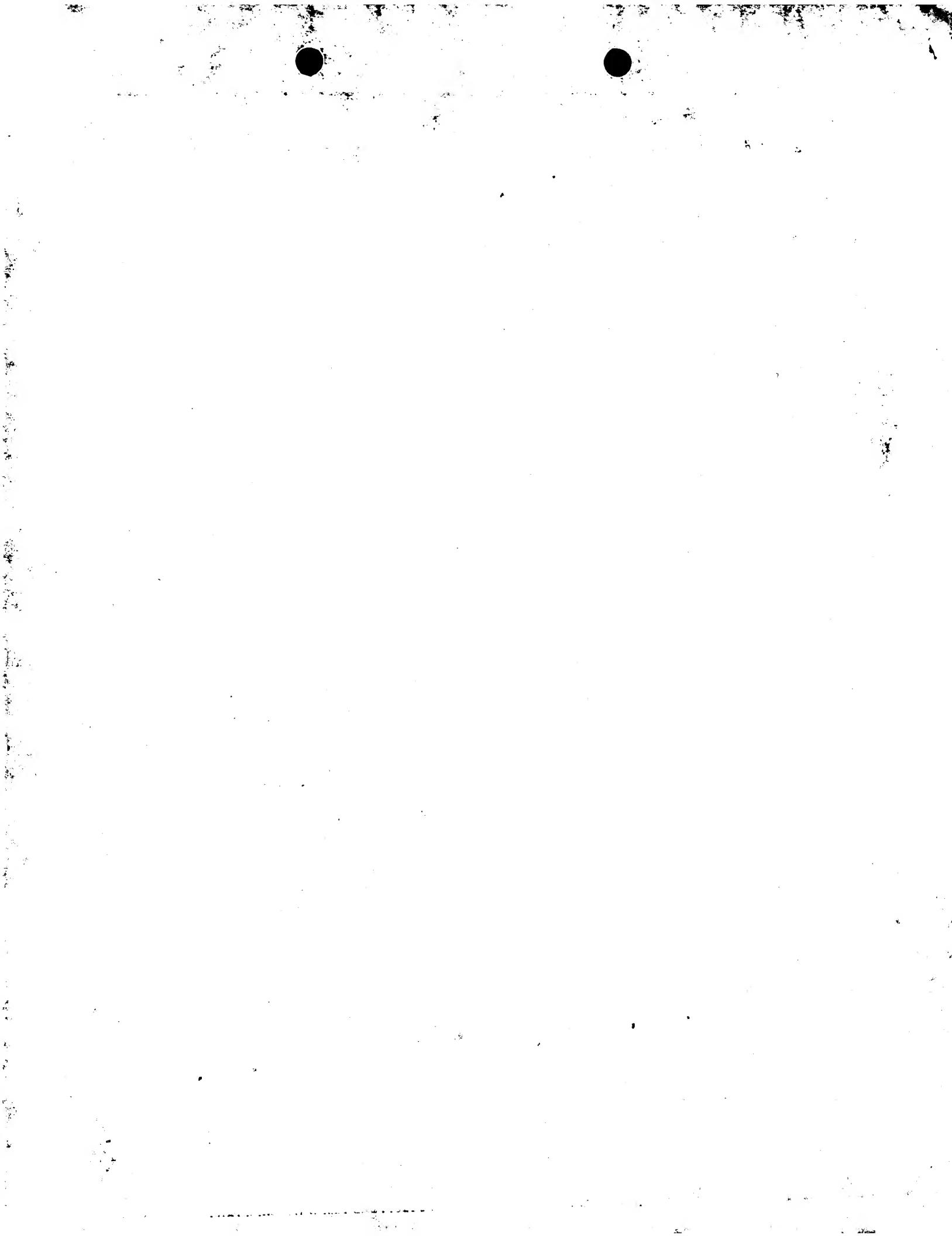
Results on paper please.

Thanks!

Jessica H. Roark

CM1 8A03
Mailbox 9E12
Art Unit 1644
703 605-1209

Jan Delaval
Reference Librarian
Biotechnology & Chemical Library
CM1 1E07 - 703-308-4498
jan.delaval@uspto.gov



QY 1 MADDYGSBTSMSMEDYKVNFTDFYCKNNVQFASFLPFLPLVWLFVGAQNSLVL 60
 Db 1 MADDYGSBTSMSMEDYKVNFTDFYCKNNVQFASFLPFLPLVWLFVGAQNSLVL 60
 QY 61 YWCYCTRKTMIDMFLNLALIAIDLFLFLTPWFAIAADQWKEQTFMCKVNSWYKQFYS 120
 Db 61 YWCYCTRKTMIDMFLNLALIAIDLFLFLTPWFAIAADQWKEQTFMCKVNSWYKQFYS 120
 QY 121 CYLCLMGSISDRYTAIAQAMRAHTWBRKLYSKNCFTIWLALCIPELYSIKE 180
 Db 121 CYLCLMGSISDRYTAIAQAMRAHTWBRKLYSKNCFTIWLALCIPELYSIKE 180
 QY 181 SGIAICTMVSFDESSTKLSAVTLKVLGFLPFWMACCYTILHILQAKSSKHK 240
 Db 181 SGIAICTMVSFDESSTKLSAVTLKVLGFLPFWMACCYTILHILQAKSSKHK 240
 QY 241 LKVTTITLTVFLSOPYNTLQVTDAYAMFTISCAVSTNDICFOVOTIAFFHSCL 300
 Db 241 LKVTTITLTVFLSOPYNTLQVTDAYAMFTISCAVSTNDICFOVOTIAFFHSCL 300
 QY 301 NPVLYFVGERRDIJTKLKNLGSQAOQWISFTREGSFLKLSMILETSGALSL 357
 Db 301 NPVLYFVGERRDIJTKLKNLGSQAOQWISFTREGSFLKLSMILETSGALSL 357

RESULT 5

US-09-765-994-4
 ; Sequence 4, Application US/09765994

; Patent No. US20010016336A1

; GENERAL INFORMATION:

; APPLICANT: ELLIS, CATHERINE

; TITLE OF INVENTION: THE G-PROTEIN COUPLED RECEPTOR

; FILE REFERENCE: GH-70225-C1

; CURRENT APPLICATION NUMBER: US/09/765,994

; CURRENT FILING DATE: 2001-01-19

; PRIORITY NUMBER: 60/055,895

; PRIORITY FILING DATE: 1997-10-27

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO: 2

; LENGTH: 350

; TYPE: PRT

; ORGANISM: HOMO SAPIENS

US-09-765-994-2

Query Match 34.4%; Score 637; DB 10; Length 350;
 Best Local Similarity 36.5%; Pred. No. 6; 5e-50; Indels 18; Gaps 4;
 Matches 119; Conservative 74; Mismatches 115; Indels 18; Gaps 4;Query 4 DGSESTSSMEDIYKVNFTDFYCKNNVQFASFLPFLPLVWLFVGAQNSLVLWY 63
 Db 10 DYVYEE-NEMGTYDYSQVELJCICKEDVREPAKFLPFLVLFVPLVLAGNSMVAY 68Query 64 CTRVKITMDMELLNLALIAIDLFLTPWFAIAADQWKEQTFMCKVNSWYKQFYSCL 123
 Db 69 YKQRTKIDVNLAVADLFLTPWFAIAVHGWVGLKMKCITSALVTLNPFVSGM 128Query 124 LIMCISDRYTAIAQ----AMRAHTWBRKLYSKNCFTIWLALCIPELYSIKE 178
 Db 129 FLACISIDRYVAVTKPQSQVGKPCM-----IICFCWMMALLSIFQLVYTV 179Query 179 ESGIAICTMVSFDESSTKLSAVTLKVLGFLPFWMACCYTILHILQAKSSKHK 238
 Db 180 DN---ARCPIPPRYLGTSKALIOMLEICIGFVVPFLINGVCYFPTARTLMPNPKIS 236Query 239 KALKVITITLTVFLSOPYNTLQVTDAYAMFTISCAVSTNDICFOVOTIAFFHS 298
 Db 237 RBLKVTTITLTVFLSOPYNTLQVTDAYAMFTISCAVSTNDICFOVOTIAFFHS 296Query 299 CINPVLVVFVGERRDIJTKLKNLGSQAOQWISFTREGSFLKLSMILETSGALSL 324
 Db 297 CINPILVVFVGMGASFKNYVMVKVAKYG 322

RESULT 7

US-09-796-338A-8

; Sequence 8, Application US/09796338A

; Patent No. US20020061522A1

; GENERAL INFORMATION:

; APPLICANT: Millenium Pharmaceuticals, Inc.

; TITLE OF INVENTION: 1993, 5,881, 239, 45449, 50289, AND

; TITLE OF INVENTION: 1993, 5,881, 239, 45449, 50289, AND

; FILE REFERENCE: 10448-020001

; CURRENT APPLICATION NUMBER: US/09/796, 338A

; CURRENT FILING DATE: 2001-02-28

; PRIORITY NUMBER: US 60/186, 059

; PRIORITY FILING DATE: 2000-02-29

; NUMBER OF SEQ ID NOS: 26

; LENGTH: 350

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO: 8

QY 124 LIMCISDRYTAIAQ----AMRAHTWBRKLYSKNCFTIWLALCIPELYSIKE 178
 Db 128 FLACISIDRYVAVTKPQSQVGKPCM-----IICFCWMMALLSIFQLVYTV 178
 QY 179 ESGIAICTMVSFDESSTKLSAVTLKVLGFLPFWMACCYTILHILQAKSSKHK 238
 Db 179 DN---ARCPIPPRYLGTSKALIOMLEICIGFVVPFLINGVCYFPTARTLMPNPKIS 235
 QY 239 KALKVITITLTVFLSOPYNTLQVTDAYAMFTISCAVSTNDICFOVOTIAFFHS 298
 Db 236 RBLKVTTITLTVFLSOPYNTLQVTDAYAMFTISCAVSTNDICFOVOTIAFFHS 295

; LENGTH: 350
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-796-338A-8

Query Match 34.4%; Score 637; DB 10; Length 350;
 Best local similarity 36.5%; Pred. No. 6.5e-50;
 Matches 119; Conservative 74; Mismatches 115; Indels 18; Gaps 4;

Qy 4 DYGSESTSSMEDVNFNFPTDFYCEKNNVRQASHFLPFLPYWLVFIAGLSVLVWY 63
 Db 10 DYYEE-NEMGNTYDQSYELICKDREFAKYFLPFLTVFVLIGLAGNMYVAY 68

Qy 124 LIMCISVDRYIAAQ----AMRAHTREKRLYKSYKNCVFTIWLAACTEILSQIK 178
 Db 129 FLACISIDRYAVATKVPQSOSGVCKPCW-----IICFCVWMAAILISPOLVFTVN 179

Qy 179 ESGIACTIMVYPSDESTKUKSAVTLKVLGFLPFLPVUMACCYTIIHTLIOAKSSKH 238
 Db 180 DN---ARCIPIPRYLGPSKMLQMICISVPPFLIMGYCYPFLARTLUMKPNKIS 236

Qy 239 KALKVITVLTFLVFLSOPPYNCILLLVQTIADAVAMPISCAVSTNIDICFOVQTIAFFHS 298
 Db 237 REPKVLUWTVIPVTOQPLPVNPKFRAIDIYSLITSNMSKRMIDIAQYESIALFHS 296

Qy 299 CINPVLYVFGVERFRDLVKTNLG 324
 Db 297 CINPVLYVFGASFRKNYVVAKKY 322

RESULT 8
 Sequence 6, Application US/09852156
 Patent No. US20020076694A1

; GENERAL INFORMATION:
; APPLICANT: Littman, Dan R.

Deng, Hongkui
 Unutmaz, Derya
 Ramani, Vineet N.K.

TITLE OF INVENTION: NOVEL ALTERNATIVE G-COUPLED RECEPTORS
 ASSOCIATED WITH RETROVIRAL ENTRY INTO CELLS, METHODS OF
 IDENTIFYING THE SAME, AND DIAGNOSTIC AND THERAPEUTIC USES
 THEREOF
 NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:
 ADDRESSEE: David A. Jackson, Esq.
 STREET: 411 Hackensack Ave, Continental Plaza, 4th
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-POS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/852,156
 FILING DATE: 09-May-2001
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 1049-1-009NCIP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEFAX: 201-343-1684
 INFORMATION, FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:
 LENGTH: 342 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE: Pigtail macaque
 SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 US-09-852-156-6

Query Match 33.7%; Score 624; DB 10; Length 342;
 Best local similarity 36.3%; Pred. No. 9.5e-49;
 Matches 123; Conservative 82; Mismatches 100; Indels 34; Gaps 7;
 Qy 8 EDYGGLNSPNDSSQEEHDF-----LQFRKVLPCWLVVFGVGLVGNSLVVI 55
 Db 61 YWCYCTRYTMTMDFMLNLAIDLFLVTLFWAIAADOMKQFQTEMCKVUNSMYKNFYS 120
 Db 56 SIVYHKQLSQTDTFLVNLPLADLFLVFLVCPFLWAVAGTHEWIFGQWCKTLLGQVYTINPYT 115

Qy 121 CULLIMCISVDRYIAAQAMRAHTREKRLYKSYKNCVFTIWLAACTEILSQIK 180
 Db 116 SMLILTCRUTPFRIVVVKATKYNQAKRMWGVKIVCLLIVSILSPQIYGNVFLN 175

Qy 181 SGIACTIMVYPSDESTKUKSAVTLKVLGFLPFLPVUMACCYTIIHTLIOAKSSKH 240
 Db 176 DGL-IC----GYHDKERISTVLTQATQMTLGFPLPFLAMIVYVSVIKLILHGGFKHRS 229

Qy 241 LKQVITVLTFLVFLSOPPYNCILLLVQTIADAVAMPISCAVSTNIDICFOVQTIAFFHS 298
 Db 230 LKLFILWMAVELTQTPFLNLVLRIRSTHWEYAM-----TSFHITIVTEAIALR 281

Qy 299 CINPVLYVFGVERFRDLVKTNLG 333
 Db 282 CINPVLYVFGASFRKNYVVAKKY 320

RESULT 9
 Sequence 9, Application US/09852156
 Patent No. US20020076694A1

; GENERAL INFORMATION:
; APPLICANT: Littman, Dan R.

Deng, Hongkui
 Unutmaz, Derya
 Ramani, Vineet N.K.

TITLE OF INVENTION: NOVEL ALTERNATIVE G-COUPLED RECEPTORS
 ASSOCIATED WITH RETROVIRAL ENTRY INTO CELLS, METHODS OF
 IDENTIFYING THE SAME, AND DIAGNOSTIC AND THERAPEUTIC USES
 THEREOF
 NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:
 ADDRESSEE: David A. Jackson, Esq.
 STREET: 411 Hackensack Ave, Continental Plaza, 4th
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-POS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/852,156
 FILING DATE: 09-May-2001
 ATTORNEY/AGENT INFORMATION:
 CLASSIFICATION: <Unknown>

GenCore version 5.1.4_p5_4578
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on:

April 16, 2003, 16:37:47 ; Search time 28 Seconds

(without alignments)

375.142 Million cell updates/sec

Title: US-09-522-752-2

Perfect score: 1854

Sequence: 1 MADYGSESTSSMEDYVNEN.....EGSLKLSMILETSGALSL 357

Scoring table: BLOSUM62

Gapop 10.0 ; Gapext 0.5

Seqid: 262574 seqb, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% ; Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep: *
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep: *
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep: *
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep: *
5: /cgn2_6/ptodata/1/iaa/PC1US_COMB.pep: *
6: /cgn2_6/ptodata/1/iaa/backfile1.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

%

Result No.	Score	Query Match Length	DB ID	Description
1854	100.0	357	4 US-09-266-464-2	Sequence 2, Appli
780.5	42.1	358	1 US-08-153-848-19	Sequence 19, Appli
780.5	42.1	358	3 US-09-299-843A-19	Sequence 19, Appli
780.5	42.1	358	4 US-09-088-337B-19	Sequence 19, Appli
780.5	42.1	358	5 PCT-US93-11153-19	Sequence 19, Appli
780.5	42.1	378	1 US-09-153-848-15	Sequence 15, Appli
780.5	42.1	378	3 US-09-299-843A-15	Sequence 15, Appli
780.5	42.1	378	4 US-09-251-545-1	Sequence 15, Appli
780.5	42.1	378	4 US-09-088-337B-15	Sequence 15, Appli
780.5	42.1	378	5 PCT-US93-11153-15	Sequence 15, Appli
780.5	42.1	410	1 US-08-153-848-7	Sequence 7, Appli
780.5	42.1	410	3 US-09-299-843A-7	Sequence 7, Appli
780.5	42.1	410	4 US-09-088-337B-7	Sequence 7, Appli
780.5	42.1	410	5 PCT-US93-11153-7	Sequence 7, Appli
780.5	40.9	378	1 US-09-383-750-2	Sequence 2, Appli
780.5	40.9	378	1 US-08-153-848-2	Sequence 2, Appli
780.5	40.9	378	3 US-08-352-678-2	Sequence 2, Appli
780.5	40.9	378	4 US-09-045-583-49	Sequence 49, Appli
780.5	40.9	378	4 US-09-534-185-49	Sequence 49, Appli
780.5	40.9	378	5 PCT-US93-09636-9	Sequence 2, Appli
757.5	40.9	378	3 US-09-299-843A-66	Sequence 66, Appli
757.5	40.9	378	4 US-09-088-337B-66	Sequence 66, Appli
742.4	40.0	359	1 US-08-153-848-24	Sequence 24, Appli
742.4	40.0	359	3 US-09-299-843A-24	Sequence 24, Appli
742.4	40.0	359	4 US-09-088-337B-24	Sequence 24, Appli
742.4	40.0	359	5 PCT-US93-11153-24	Sequence 24, Appli
38.9				Sequence 2, Appli

ALIGNMENTS

RESULT 1

US-09-266-464-2

; Sequence 2, Application US/09266464

; GENERAL INFORMATION:

; APPLICANT: Andrew, David P.

; APPLICANT: Zabel, Brian A.

; TITLE OF INVENTION: ANTI-GPR-9-6 ANTIBODIES AND METHODS OF

; TITLE OF INVENTION: IDENTIFYING AGENTS WHICH MODULATE GPR-9-6 FUNCTION

; FILE REFERENCE: LKS98-16

; CURRENT APPLICATION NUMBER: US/09-266, 464

; CURRENT FILING DATE: 1999-03-11

; NUMBER OF SEQ ID NOS: 7

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 2

; LENGTH: 357

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-266-464-2

Query Match 100.0%; Score 1854; DB 4; Length 357;
Best Local Similarity 100.0%; Pred. No. 6 1e-162; Mismatches 0; Indels 0; Gaps 0;
Matches 357; Conservative 0; Sequence 2, Appli

QY 1 MADYGSESTSSMEDYVNEN.....EGSLKLSMILETSGALSL 357

Db 1 MADYGSESTSSMEDYVNENFNPFDYCBKNYRQFASHFLFLPPYLYWIVGAGLNSLIVL 60

QY 61 YWCYTRKWMIDMFLNLAIDLFLVLPWMAIAADQWQKTFEMCKVUNSMYKONFYS 120

Db 61 YWCYTRKWMIDMFLNLAIDLFLVLPWMAIAADQWQKTFEMCKVUNSMYKONFYS 120

QY 121 CULLIMCISVDYIAIQAMRAHTWERKRLYSKOMCFTIWINAALCTPILYSOKEE 180

Db 121 CULLIMCISVDYIAIQAMRAHTWERKRLYSKOMCFTIWINAALCIPILYSOKEE 180

QY 181 SGIAICTWYRDESTKLKSATLKVLGFLFLPEWYMACCTIILTHLQAKKSSKHA 240

Db 181 SGIAICTWYRDESTKLKSATLKVLGFLFLPEWYMACCTIILTHLQAKKSSKHA 240

QY 241 LKOTITLTVFLSQFYNCLLQVTDAYAMFISCAVSTINDICQVOTIAPFHSL 300

Db 241 LKOTITLTVFLSQFYNCLLQVTDAYAMFISCAVSTINDICQVOTIAPFHSL 300

QY 301 NPYLVVYGERTRRDLYKLNGCISQAQWTSFTRREGSILKLSMILETSGALSL 357

Db 301 NPYLVVYGERTRRDLYKLNGCISQAQWTSFTRREGSILKLSMILETSGALSL 357

RESULT 2

